



ELECTRICAL EQUIPMENT SCHEMATIC

DESIGNED BY: IM
 DRAWN BY: LLD
 CHECKED BY: LLD
 APPROVED BY: SH

SCALE: NONE
 DATE: 17 FEB 1970
 DWG NO: 1-537-70
 SH 1 OF 2

INPUT
11,000 VOLTS
50 HERTZ

50 HERTZ

LIGHTNING

ARRESTER

300 KVA
230 VOLTS
3 PHASE 3 WIRE
50 HERTZ

MOLDED
CASE BREAKER

FUSE

V

51 27

A

51

A

W

52

TO
EXISTING
LOADS

UNIT SUBSTATION

52

MOLDED CASE
BREAKER
W/ SHUNT
TRIP

V

A

W

M.G. SET

FIELD
CONTROL

PF

51

A

REDUCED VOLTAGE
STARTER

MOTOR

40 HP

GEN.
30 KW

30 KW 120/208 VOLTS
OF PF. 60 HZ 3 ϕ 4 W
SYNCHRONOUS GENERATOR

VOLTA
REGULATOR

V

F

W

Y

A

51

A

MOLDED CASE
BREAKER WITH
SHUNT TRIP COIL

OUTPUT

120/208 VOLTS
3 PHASE 4 WIRE
60 HERTZ

U.S. GOVERNMENT PRINTING OFFICE: 1962 O-23-1847

TITLE
ELECTRICAL EQUIPMENT
SCHEMATIC

DESIGNED BY: I.W.

DRAWN BY: L.B.

CHECKED BY:

APPROVED BY:

SCALE: NONE

DATE: 12 FEB 1970

DWG. NO.: 1-337-70

SH 2 OF 2